

## IN THE CLAIMS

1           1. (Currently Amended) A computer-implemented method for processing a stored  
2 document, comprising:  
3           receiving an image of a document index;  
4           locating, on the document index image, at least a first graphic representation of  
5           a first stored document;  
6           locating, on the document index image, an image of a first sticker specifying  
7           an action;  
8           determining that the first sticker specifies a first action be performed on the  
9           first stored document based on a location of the first sticker with re-  
10          spect to the first graphic representation;  
11          ~~identifying a first stored document based on the location of the first action-~~  
12          ~~sticker with respect to the document index image;~~ and  
13          performing the ~~specified~~ first action to cause a change to the ~~identified~~ first  
14          stored document.

1           2. (Original) The method of claim 1, wherein the first ~~action~~ sticker comprises a re-  
2 movable self-adhesive sticker.

1           3. (Currently Amended) The method of claim 1, wherein the first stored document is  
2 part of a stored collection of documents, and wherein the document index image comprises a  
3 collection coversheet image.

1           4. (Currently Amended) The method of claim 3, wherein the collection coversheet  
2     image comprises a collection overview image.

1           5. (Currently Amended) The method of claim 4, wherein the collection overview im-  
2     age comprises a plurality of thumbnail depictions of documents.

1           6. (Currently Amended) The method of claim 3, wherein the collection coversheet  
2     image comprises a machine-readable collection identifier specifying a storage location for the  
3     collection of documents, the method further comprising, prior to performing the ~~specified~~ first  
4     action:  
5                 retrieving the identified first stored document from the specified storage loca-  
6                 tion.

1           7. (Currently Amended) The method of claim 3, further comprising modifying the  
2     stored collection of documents.

1           8. (Currently Amended) The method of claim 7, further comprising generating an up-  
2     dated collection coversheet image.

1           9. (Currently Amended) The method of claim 3, further comprising storing a new  
2     version of the collection of documents.

1           10. (Currently Amended) The method of claim 9, further comprising generating an  
2     updated collection coversheet image including a collection identifier specifying a location for  
3     the new version.

1 11. (Currently Amended) The method of claim 1, wherein the document index image  
2 comprises a plurality of graphic representations of documents, and wherein ~~identifying a first~~  
3 ~~stored document based on the location of the action sticker comprises identifying a deter-~~  
4 ~~mining that the first sticker specifies the first action to be performed on the first stored document~~  
5 ~~based on a location of the first sticker with respect to the first graphic representation of the~~  
6 ~~first stored document comprises determining~~ ~~first stored document corresponding to a docu-~~  
7 ~~ment whether the first graphic representation of the first stored document is overlapped by~~  
8 the first action sticker.

1 12. (Currently Amended) The method of claim 1, wherein the document index image  
2 comprises a plurality of graphic representations of documents, and wherein ~~identifying a first~~  
3 ~~stored document based on the location of the first action sticker comprises identifying a first~~  
4 ~~stored document based on determining that the first sticker specifies the first action to be per-~~  
5 ~~formed on the first stored document based on the location of the first sticker with respect to the~~  
6 ~~first graphic representation comprises determining a proximity of the first action sticker to one of~~  
7 ~~the a second graphic representation~~ ~~document representations of a second stored document.~~

1 13. (Currently Amended) The method of claim 1, wherein the document index image  
2 comprises a plurality of graphic representations of documents, and wherein ~~identifying a first~~  
3 ~~stored document based on the location of the first action sticker comprises identifying deter-~~  
4 ~~mining that the first sticker specifies the first action to be performed on the first stored docu-~~  
5 ~~ment based on the location of the first sticker with respect to the first graphic representation~~  
6 ~~comprises determining the first graphic representation of the first stored-a document is pointed~~  
7 to by the first ~~action~~ sticker.

1 14. (Currently Amended) The method of claim 1, wherein:

2 the document index image comprises a plurality of graphic representations of  
3 documents;

4 the first ~~action~~ sticker comprises an action point; and

5 determining that the first sticker specifies the first action to be performed on the

6 first stored document based on the location of the first sticker with re-  
7 spect to the first graphic representation comprises identifying a first-

8 stored document based on the location of the first action sticker com-

9 prises identifying a first document based on determining a proximity of

10 the action point of the first ~~action~~ sticker to one of the document repre-  
11 sentations.

1 15. (Currently Amended) The method of claim 1, wherein:

2 the document index image comprises a plurality of graphic representations of  
3 documents;

4 the first ~~action~~ sticker comprises an action point; and

5 determining that the first sticker specifies the first action to be performed on

6 the first stored document based on the location of the first sticker with  
7 respect to the first graphic representation identifying a first stored docu-

8 ment based on the location of the first action sticker comprises:

9 determining a coordinate location for the action point;

determining a coordinate location for ~~at least one of the~~ the first graphic  
~~document representations- representation of the first stored docu-~~  
~~ment;~~ and  
~~identifying a first stored document by~~ comparing the coordinate location  
for the action point with the coordinate location for the ~~at least one~~  
~~document~~ first graphic representation of the first stored document.

16. (Currently Amended) The method of claim 1, wherein the document index image  
comprises a list of stored documents.

17. (Currently Amended) The method of claim 1, wherein the document index image  
comprises a plurality of graphic representations of stored documents, wherein each graphic  
representation comprises a of thumbnail depiction ~~depictions~~ of a stored document docu-  
ments.

18. (Currently Amended) The method of claim 1, wherein the document index im-  
age comprises a plurality of graphic representations of stored documents, wherein each  
graphic representation comprises icons an icon representing a stored document ~~documents.~~

19. (Currently Amended) The method of claim 1, wherein the ~~specified~~ first action  
comprises one selected from the group consisting of:

printing;  
e-mailing;  
faxing;  
grouping;

7 reordering;  
8 playing;  
9 ungrouping; and  
10 deleting.

1 20. (Currently Amended) The method of claim 1, wherein the ~~specified~~ first action  
2 comprises specifying an access level for the first stored document.

1 21. (Currently Amended) The method of claim 1, further comprising:

2 locating, on the document index image, at least a second graphic representation  
3 of a second stored document;

4 locating, on the document index image, an image of a second sticker specify-  
5 ing a second action;

6 determining that the second sticker specifies the second action be performed on  
7 the second stored document based on a second location of the second  
8 sticker with respect to the second graphic representation;

9 ~~identifying a second stored document based on the location of the second ac-~~  
10 ~~tion sticker on with respect to the document index page; and~~

11 performing the ~~specified~~ second action to cause a change to the identified sec-  
12 ond stored document.

1 22. (Currently Amended) The method of claim 21, further comprising:

2 prior to performing the ~~specified~~ first action, retrieving the ~~identified~~ first  
3 stored document from a storage device; and

4 prior to performing the ~~specified~~ second action, retrieving the ~~identified~~ second  
5 stored document from a storage device.

1 23. (Currently Amended) The method of claim 1, wherein the first sticker specifies a  
2 grouping action, the method further comprising:

3 locating, on the document index image, at least a second graphic representation  
4 of a second stored document;

5 locating, on the document index image, an image of a second sticker specify-  
6 ing a grouping action; and

7 determining that the second sticker specifies the grouping action be performed  
8 on the second stored document based on a location of the second  
9 sticker with respect to the second graphic representation;

10 ~~identifying a second stored document based on the location of the second ac-~~  
11 ~~tion sticker with respect to the document index image;~~

12 and wherein performing the ~~specified~~ first action comprises grouping the first ~~identi-~~  
13 ~~fied~~ stored document and the second ~~identified~~ stored document.

1 24. (Currently Amended) The method of claim 23, wherein grouping the first ~~identi-~~  
2 ~~fied~~ stored document and the second ~~identified~~ stored document comprises forming a sub-  
3 collection of documents comprising the first ~~identified~~ stored document and the second ~~identi-~~  
4 ~~fied~~ stored document.

1 25. (Currently Amended) The method of claim 1, further comprising:

2 locating, on the document index image, an image of a second sticker specify-  
3 ing a second action;

4 ~~locating, on the document index image, an image of a second sticker indicating~~  
5 ~~the same stored document as the first sticker, the second sticker speci-~~  
6 ~~fying a second action;~~

7 determining that the second sticker specifies the second action be performed on  
8 the first stored document based on a location of the second sticker with  
9 respect to the first graphic representation;

10 determining an order for performing the first action and the second action; and  
11 performing the second ~~specified~~ action on the ~~identified~~ first stored document;

12 wherein the first and second actions are performed according to the determined order.

1 26. (Original) The method of claim 25, wherein determining an order comprises sort-  
2 ing according to a predetermined sequence of actions.

1 27. (Currently Amended) The method of claim 1, wherein the ~~specified~~ first action  
2 comprises transmitting the ~~identified~~ first stored document to a destination, the method further  
3 comprising:

4 determining ~~a~~ the destination.

1 28. (Currently Amended) The method of claim 27, wherein determining ~~a~~ the destina-  
2 tion comprises receiving user input specifying a destination.

1           29. (Currently Amended) The method of claim 27, wherein determining ~~a~~ the desti-  
2   nation comprises reading an indicator of ~~a~~ the destination from the image of the document in-  
3   dex.

1           30. (Currently Amended) The method of claim 27, wherein determining ~~a~~ the desti-  
2   nation comprises reading an indicator of ~~a~~ the destination from the first ~~action~~ sticker.

1           31. (Currently Amended) The method of claim 27, wherein determining ~~a~~ the desti-  
2   nation comprises determining at least one selected from the group consisting of:

- 3               an e-mail address;
- 4               a fax number;
- 5               a uniform resource locator;
- 6               a telephone number; and
- 7               a mailing address.

1           32. (Currently Amended) The method of claim 1, wherein receiving ~~an~~ the image of ~~a~~  
2   the document index comprises scanning a piece of paper comprising the document index im-  
3   age.

1           33. (Currently Amended) The method of claim 1, wherein receiving ~~an~~ the image of ~~a~~  
2   the document index comprises receiving an e-mail message comprising the ~~image of the docu-~~  
3   ment index image.

1           34. (Currently Amended) The method of claim 1, wherein receiving ~~an~~ the image of  
2   a the document index comprises receiving a fax message comprising the ~~image of the docu-~~  
3   ment index image.

1           35. (Currently Amended) The method of claim 1, further comprising determining the  
2   ~~specified~~ first action by reading the first ~~action~~ sticker.

1           36. (Currently Amended) The method of claim 1, further comprising determining the  
2   ~~specified~~ first action by performing optical character recognition on the first ~~action~~ sticker.

1           37. (Currently Amended) The method of claim 1, further comprising determining the  
2   ~~specified~~ first action by determining a shape of the first ~~action~~ sticker.

1           38. (Currently Amended) The method of claim 1, further comprising determining the  
2   ~~specified~~ first action by determining a color of the first ~~action~~ sticker.

1           39. (Currently Amended) The method of claim 1, further comprising determining the  
2   ~~specified~~ first action by reading a machine-readable icon on the first ~~action~~ sticker.

1           40. (Currently Amended) The method of claim 1, wherein the document index image  
2   comprises an identifier specifying a storage location, the method further comprising, prior to  
3   performing the ~~specified~~ first action:

4                 retrieving the ~~identified~~ first stored document from the ~~specified~~ storage loca-  
5                 tion.

1           41. (Currently Amended) The method of claim 1, further comprising, prior to per-  
2 forming the ~~specified~~ first action, retrieving the ~~identified~~ first stored document from a stor-  
3 age device.

1           42. (Currently Amended) A computer-implemented method for processing a stored  
2 document, comprising:

3           receiving an image of a document index;

4           locating, on the document index image, at least a first graphic representation of  
5           a first stored document;

6           locating, on the document index image, an image of a first sticker;

7           determining that the first sticker specifies the first stored document is to be

8           acted on based on a location of the first sticker with respect to the first  
9           graphic representation;

10          ~~identifying a first stored document based on the location of the sticker with re-~~  
11          ~~spect to the document index image;~~

12          receiving input specifying an action; and

13          performing the specified action to cause a change to the first ~~identified~~-stored  
14          document.

1           43. (Original) The method of claim 42, wherein receiving input specifying an action  
2 comprises receiving input via a user interface.

1           44. (Currently Amended) A computer program product for processing a stored docu-  
2 ment, comprising:

a computer-readable storage medium; and  
computer program code, encoded on the medium, for:  
receiving an image of a document index;  
locating, on the document index image, at least a first graphic representation of  
a first stored document;  
locating, on the document index image, an image of a first sticker specifying  
~~an~~ a first action;  
determining that the first sticker specifies a first action to be performed on the  
first stored document based on a location of the first sticker with re-  
spect to the first graphic representation;  
~~identifying a first stored document based on the location of the first action-~~  
~~sticker with respect to the document index image; and~~  
performing the ~~specified~~ first action to cause a change to the ~~identified~~ first  
stored document.

45. (Original) The computer program product of claim 44, wherein the first ~~action-~~  
~~sticker~~ comprises a removable self-adhesive sticker.

46. (Currently Amended) The computer program product of claim 44, wherein the  
first stored document is part of a stored collection of documents, and wherein the document  
index image comprises a collection coversheet image.

47. (Currently Amended) The computer program product of claim 46, wherein the  
collection coversheet image comprises a collection overview.

1           48. (Currently Amended) The computer program product of claim 47, wherein the  
2 collection overview image comprises a plurality of thumbnail depictions of documents.

1           49. (Currently Amended) The computer program product of claim 46, wherein the  
2 collection coversheet image comprises a machine-readable collection identifier specifying a  
3 storage location for the collection of documents, the computer program product further com-  
4 prising computer program code, encoded on the medium, for, prior to performing the ~~speci-~~  
5 ~~fied~~ first action:

6                   retrieving the ~~identified~~ first stored document from the ~~specified~~ storage loca-  
7                   tion.

1           50. (Currently Amended) The computer program product of claim 46, further com-  
2 prising computer program code, encoded on the computer-readable storage medium, for  
3 modifying the stored collection of documents.

1           51. (Currently Amended) The computer program product of claim 50, further com-  
2 prising computer program code, encoded on the computer-readable storage medium, for gen-  
3 erating an updated collection coversheet image.

1           52. (Currently Amended) The computer program product of claim 46, further com-  
2 prising computer program code, encoded on the computer-readable storage medium, for stor-  
3 ing a new version of the collection of documents.

1           53. (Currently Amended) The computer program product of claim 52, further com-  
2 prising computer program code, encoded on the computer-readable storage medium, for gen-

erating an updated collection coversheet image including a collection identifier specifying a location for the new version.

54. (Currently Amended) The computer program product of claim 44, wherein the ~~specified~~ first action comprises one selected from the group consisting of:

printing;  
e-mailing;  
faxing;  
grouping;  
reordering;  
playing;  
ungrouping; and  
deleting.

55. (Currently Amended) The computer program product of claim 44, wherein the ~~specified~~ first action comprises specifying an access level for the first stored document.

56. (Currently Amended) The computer program product of claim 44, wherein the first sticker specifies a grouping action, the computer program product further comprising computer program code, encoded on the computer-readable storage medium, for:

locating, on the document index image, at least a second graphic representation of a second stored document;

locating, on the document index image, an image of a second sticker specifying a grouping action; and

8 determining that the second sticker specifies the grouping action be performed  
9 on the second stored document based on a location of the second  
10 sticker with respect to the second graphic representation;  
11 ~~identifying a second document based on the location of the second action-~~  
12 ~~sticker on the document index page;~~

13 and wherein the computer program code for performing the ~~specified~~ first action com-  
14 prises computer program code for grouping the first ~~identified~~ stored document and the sec-  
15 ond ~~identified~~ stored document.

1 57. (Currently Amended) The computer program product of claim 56, wherein the  
2 computer program code for grouping the first ~~identified~~ document and the second ~~identified-~~  
3 document comprises computer program code for forming a sub-collection comprising the first  
4 ~~identified~~ stored document and the second ~~identified~~ stored document.

1 58. (Currently Amended) The computer program product of claim 44, further com-  
2 prising computer program code, encoded on the medium, for:

3 ~~locating, on the document index image, an image of a second sticker indicating~~  
4 ~~the same document as the first sticker, the second sticker specifying a~~  
5 ~~second action;~~

6 locating, on the document index image, an image of a second sticker specify-  
7 ing a second action;

8 determining that the second sticker specifies an second action to be performed  
9 on the first stored document based on a location of the second sticker  
10 with respect to the first graphic representation;

11 determining an order for performing the first action and the second action; and  
12 performing the second ~~specified~~ action on the ~~identified~~ first stored document;

13 wherein the first and second actions are performed according to the determined order.

1 59. (Currently Amended) The computer program product of claim 44, wherein the  
2 ~~specified~~ first action comprises transmitting the ~~identified~~ first stored document to a destina-  
3 tion, the computer program product further comprising computer program code, encoded on  
4 the computer-readable storage medium, for:

5 determining ~~a~~ the destination.

1 60. (Currently Amended) The computer program product of claim 44, further com-  
2 prising computer program code, encoded on the computer-readable storage medium, for de-  
3 termining the ~~specified first~~ action by reading the first ~~action~~ sticker.

1 61. (Currently Amended) The computer program product of claim 44, wherein the  
2 document index comprises an identifier specifying a storage location, the computer program  
3 product further comprising, computer program code, encoded on the computer-readable stor-  
4 age medium, for, prior to performing the ~~specified~~ first action:

5 retrieving the ~~identified~~ first stored document from the ~~specified~~ storage loca-  
6 tion.

1 62. (Currently Amended) The computer program product of claim 44, further com-  
2 prising, computer program code, encoded on the computer-readable storage medium, for,

3 prior to performing the ~~specified~~ first action, retrieving the ~~identified~~ first stored document  
4 from a storage device.

1 63. (Currently Amended) A system for processing a stored document, comprising:

2 a document index input device, for receiving an image of a document index;

3 a document locator, for locating, on the document index image, at least a first  
4 graphic representation of a first stored document;

5 a sticker locator, coupled to the document input index device and the document

6 locator, for locating, on the document index image, an image of a first

7 sticker specifying ~~an~~ a first action and for determining that the first

8 sticker specifies a first action to be performed on a stored document

9 based on a location of the first sticker with respect to a graphic repre-

10 sentation of a document;

11 ~~a document identifier, coupled to the sticker locator, for identifying a first~~

12 ~~stored document based on the location of the first action sticker with~~

13 ~~respect to the document index image; and~~

14 a document processor, coupled to the document identifier, for performing the

15 ~~specified~~ first action to cause a change to the ~~identified~~ first stored

16 document.

1 64. (Currently Amended) The system of claim 63, wherein the first ~~action~~ sticker  
2 comprises a removable self-adhesive sticker.

1           65. (Currently Amended) The system of claim 63, wherein the first document is part  
2 of a stored collection of documents, and wherein the document index image comprises a col-  
3 lection coversheet image.

1           66. (Currently Amended) The system of claim 65, wherein the collection coversheet  
2 image comprises a collection overview image.

1           67. (Currently Amended) The system of claim 66, wherein the collection overview  
2 image comprises a plurality of thumbnail depictions of stored documents.

1           68. (Currently Amended) The system of claim 65, wherein the collection coversheet  
2 image comprises a machine-readable collection identifier specifying a storage location for the  
3 collection of documents, the system further comprising:

4                   a document retriever, coupled to the document identifier, for retrieving the  
5                   ~~identified~~ first stored document from the specified storage location.

1           69. (Original) The system of claim 65, wherein the document processor modifies the  
2 stored collection of documents.

1           70. (Currently Amended) The system of claim 69, further comprising a coversheet  
2 generator, coupled to the document processor, for generating an updated collection coversheet  
3 image.

1           71. (Currently Amended) The system of claim 65, further comprising a storage de-  
2 vice, coupled to the document processor, for storing a new version of the collection of docu-  
3 ments.

1           72. (Currently Amended) The system of claim 71, further comprising a coversheet  
2 generator, coupled to the document processor, for generating an updated collection coversheet  
3 image including a collection identifier specifying a location for the new version.

1           73. (Currently Amended) The system of claim 63, wherein the ~~specified~~ first action  
2 comprises one selected from the group consisting of:

3           printing;  
4           e-mailing;  
5           faxing;  
6           grouping;  
7           reordering;  
8           playing;  
9           ungrouping; and  
10          deleting.

1           74. (Currently Amended) The system of claim 63, wherein the ~~specified~~ first action  
2 comprises specifying an access level for the first stored document.

1           75. (Currently Amended) The system of claim 63, wherein the first sticker specifies a  
2 grouping action, wherein:

3 the document locator locates, on the document index image, at least a second  
4 graphic representation of a second stored document;

5 the sticker locator locates, on the document index image, an image of a second  
6 sticker specifying a grouping action and determines that the second  
7 sticker specifies a grouping action to be performed on the second stored  
8 document based on a location of the action sticker with respect to the  
9 second graphic representation;

10 ~~the document identifier identifies a second stored document based on the loca-~~  
11 ~~tion of the second action sticker with respect to the document index-~~  
12 ~~page; and~~

13 the document processor groups the first identified stored document and the  
14 second identified stored document.

1 76. (Currently Amended) The system of claim 75, wherein the document processor  
2 groups the first ~~identified~~ stored document and the second ~~identified~~ stored document by  
3 forming a sub-collection of documents comprising the first ~~identified~~ stored document and the  
4 second ~~identified~~ stored document.

1 77. (Currently Amended) The system of claim 63, wherein:

2 the sticker locator locates, on the document index image, an image of a second  
3 sticker specifying a second action;

4 the sticker locator determines that the second sticker specifies a grouping ac-  
5 tion to be performed on the first stored document based on a location  
6 of the first sticker with respect to the first graphic representation;

7           ~~the sticker locator locates, on the document index image, an image of a second~~  
8           ~~sticker indicating the same stored document as the first sticker, the sec-~~  
9           ~~ond sticker specifying a second action; and~~  
10          the document processor determines an order for performing the first action and  
11          the second action, and performs the second ~~specified~~ action on the first  
12          ~~identified~~ stored document according to the determined order.

1           78. (Currently Amended) The system of claim 63, wherein the document index  
2          comprises an identifier specifying a storage location, the system further comprising:  
3                  a document retriever, coupled to the document identifier, for retrieving the  
4                  ~~identified~~ first stored document from the specified storage location.

1           79. (Currently Amended) The system of claim 63, further comprising:  
2                  a document retriever, coupled to the document identifier, for retrieving the  
3                  ~~identified~~ first stored document from a storage device.